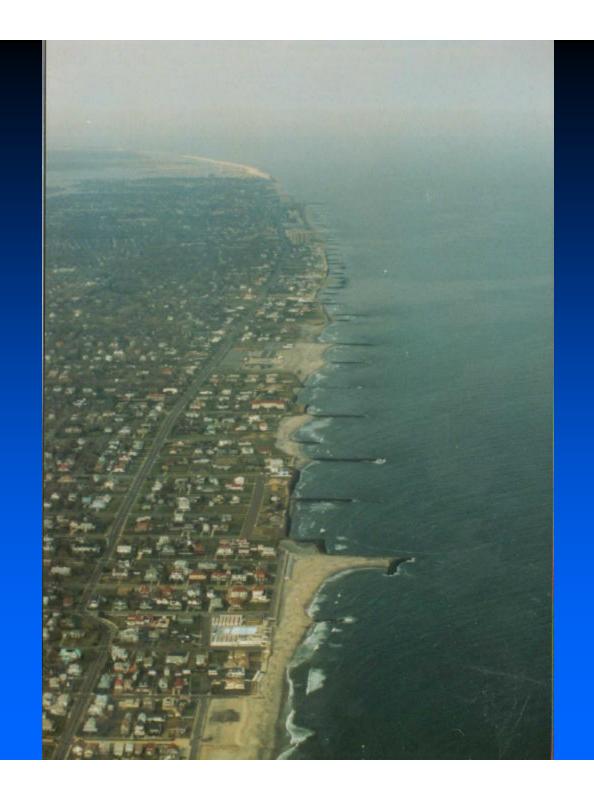
Dredging and Beaches

Presented at

Monmouth-Ocean Development Council Dredging Seminar

June 3, 2003

Michael S. Bruno tevens Institute of Technology







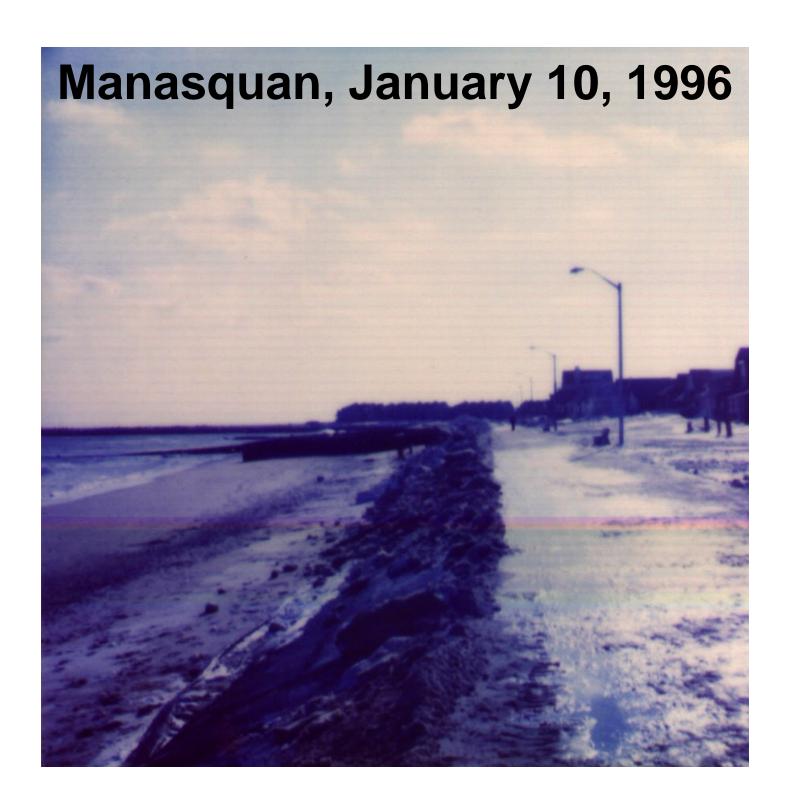


BEACH NOURISHMENT

- Preferred alternative <u>if problem is associated</u>
 <u>with absence or interruption of sand supply</u>.
- Temporary expected life of a nourished beach is 5 to 10 years, depending on the sand characteristics and the weather.
- Potential impacts:
 - project site: short-lived (days to weeks), turbidity, organics.
 - borrow site: longer-lived, benthic community, abrupt topographical changes, influence on wave transformation.







Manasquan, July 5, 1997



Manasquan, February 8,1998



